AMENDMENTS TO THE CLAIMS

1 (currently amended). A negative temperature coefficient thermistor comprising:

a thermistor element containing a transition metal oxide as a main component;

a pair of spaced internal electrodes disposed in the thermistor element; and

a pair of spaced external electrodes, each of which is electrically connected to different internal electrodes, disposed on the thermistor element,

wherein the internal electrodes contain a metal component other than Cu as a main component and at least one of Cu and a Cu compound as a sub-component, and

wherein the thermistor element has Cu in the vicinity of the internal electrodes.

2 (original). The negative temperature coefficient thermistor according to Claim 1, wherein the external electrodes contain a metal component other than Cu as a main component and at least one of Cu and a Cu compound as a sub-component.

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3 (currently amended). The negative temperature coefficient thermistor according to Claim 2, wherein the external electrodes contain about 4 to 16 10 to 16 atomic% of said at least one of Cu and a Cu compound.

- 4 (currently amended). The negative temperature coefficient thermistor according to Claim 3, wherein the internal electrodes contain about 4 to 16% 10 to 16 atomic% of said at least one of Cu and a Cu compound.
- 5 (original). The negative temperature coefficient thermistor according to Claim 4, wherein the metal component other than Cu as a main component is at least one of Ag, Pd and Pt.
- 6 (original). The negative temperature coefficient thermistor according to Claim 5, wherein the transition metal is at least one of Mn, Ni, Co and Fe.
- 7 (original). The negative temperature coefficient thermistor according to Claim 6, wherein the thermistor element comprises Mn₃O₄ and NiO.
- 8 (currently amended). The negative temperature coefficient thermistor according to Claim 1, wherein the internal electrodes contain about 4 to 16% 10 to 16 atomic% of said at least one of Cu and a Cu compound.
- 9 (original). The negative temperature coefficient thermistor according to Claim 8, wherein the metal component other than Cu as a main component is at least one of Ag, Pd and Pt.
- 10 (original). The negative temperature coefficient thermistor according to Claim 9, wherein the transition metal is at least one of Mn, Ni, Co and Fe.
- 11 (original). The negative temperature coefficient thermistor according to Claim 10, wherein the thermistor element comprises Mn₃O₄ and NiO.
- 12 (original). The negative temperature coefficient thermistor according to Claim 1, wherein the transition metal is at least one of Mn, Ni, Co and Fe.

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13 (original). A method for manufacturing a negative temperature coefficient thermistor, comprising:

providing green ceramic sheets containing a transition metal oxide as a main component, for forming a thermistor element;

providing at least two of said green ceramic sheets having thereon a conductive paste containing a metal component other than Cu as a main component and at least one of Cu and a Cu compound as a sub-component, for forming internal electrodes;

stacking the green ceramic sheets and at least two paste-applied green ceramic sheets to form a green compact having opposed planes;

firing the green compact to obtain a fired compact; and forming a pair of external electrodes on different portions of the fired compact, wherein the the firing comprises firing the green compact at a maximum temperature of about 1,000 to 1,350°C in an atmosphere containing about 20 to 80% of oxygen and therafter cooling the fired compact at a cooling rate of about 100 to 300°C/h.

14 (original). The method for manufacturing a negative temperature coefficient thermistor according to Claim 13, wherein the external electrodes contain a metal component other than Cu as a main component and at least one of Cu and a Cu compound as a subcomponent.

15 (original). The method for manufacturing a negative temperature coefficient thermistor according to Claim 14, wherein the cooling comprises cooling the fired compact to about 800 to 1,100°C and holding the resulting compact at about 800 to 1,100°C for about 60 to 600 minutes before further cooling the resulting compact.

16 (original). The method for manufacturing a negative temperature coefficient thermistor according to Claim 15, wherein the paste contains about 4 to 16% Cu or Cu compound.

17 (original). The method for manufacturing a negative temperature coefficient thermistor according to Claim 16, wherein the metal component other than Cu as a main component is at least one of Ag, Pd and Pt.

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18 (original). The method for manufacturing a negative temperature coefficient thermistor according to Claim 17, wherein the external electrodes formed contain a metal component other than Cu as a main component and about 4 to 16% of at least one of Cu and a Cu compound as a sub-component.

19 (original). The method for manufacturing a negative temperature coefficient thermistor according to Claim 13, wherein the cooling comprises cooling the fired compact to about 800 to 1,100°C and holding the resulting compact at about 800 to 1,100°C for about 60 to 600 minutes before further cooling the resulting compact.

20 (original). The method for manufacturing a negative temperature coefficient thermistor according to Claim 13, wherein the paste contains about 4 to 16% Cu or Cu compound.